

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-084-14
CUMBERLAND FALLS QUADRANGLE
35 KENTUCKY
N3645-W8415/15
DIAGRAM NJ 16-12
CORBIN

Laurel, McCreary, Pulaski and Whitley Counties

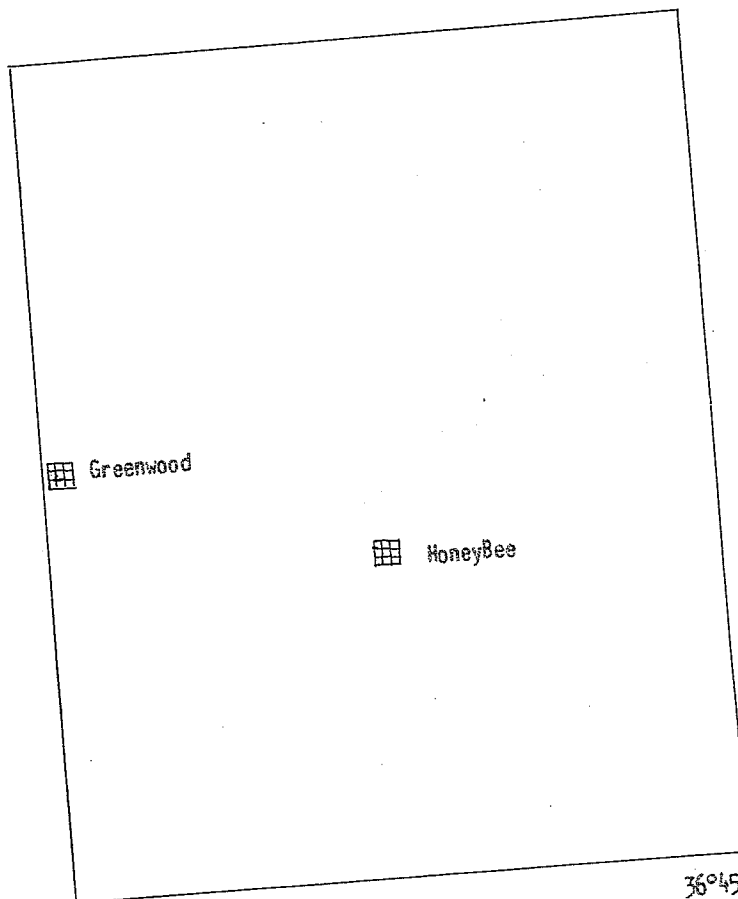
Edition of 7/22/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

DYKES
(63)



BURNSIDE
(36)

Greenwood

HoneyBee

CORBIN
(34)

STEARNS
(7 KY.-201 TENN.)

36°45'

84°15'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSELETE and is included in this list for the purpose of identification only.

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CUMBERLAND FALLS QUADRANGLE

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INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

PTS NO 12 1906 KY 1191.743

3

NGS

C 191 1950 1174.276
E 191 1950 1086.185
G 205 1950 1292.809
H 205 1950 1213.790
J 205 1950 1181.110
K 205 1950 1202.078
L 205 1950 1243.587
M 205 1950 1321.451
E 193 1951 1184.968
F 193 1951 1214.417
G 193 1951 1255.440
H 193 1951 1238.925
Q 270 1951 1323.682

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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. A. Turner, 1928; Books C8371-74

Greenwood, 0.4 mi N. of station, along Southern Railway; 49 ft W. of, and 5 ft lower than W. rail of W. main track; on inside of curve; 218 ft NW. of whistle post; 56 ft SSW. of SW. corner of southernmost of one of two section houses; 15 ft SE. of 40-in. oak tree; 10 ft S. of 14-in. maple tree; 2 ft W. of fenceline; on iron post; standard cap stamped "PRIM TRAV STA NO 12 1906 KY 1191.743"

X = 2,366,594 Y = 201,660

36 52 49.97

84 29 47.77

By M. L. Bennett, 1951; Books MS 30350-51 (IVA)

Parkers Lake, 4.8 mi NE. of, along State Highway 90; 0.5 mi E. of concrete block store owned by E. E. Creech; 27 ft SE. of, and 1 ft lower than centerline of hwy. at junction of macadam rd. N.; 46 ft E. of centerline of rd. N.; 23 ft W. of 18-in. twin pine tree; in concrete post; NGS standard disk stamped "M 205 1950 1321.451"

X = 2,388,232 Y = 194,790

36 51 39.13

84 25 22.66

Parkers Lake, 5.8 mi NE. of, along State Highway 90; 5.6 mi W. of W. ferry landing on Cumberland River at Cumberland Falls; 0.7 mi W. of junction of drive to Eagle School; on outside of curve with tangents E. and NW.; 46 ft SW. of, and 1 ft lower than centerline of hwy. at junction of drive SW. to one-story framehouse; 46 ft NW. of centerline of drive; 103 ft NW. of SW. end of pipe culvert with headwalls; 8 ft NE. of fence corner; 2 ft SE. of power pole; in concrete post; NGS standard disk stamped "L 205 1950 1243.587"

X = 2,392,878 Y = 193,291

36 51 23.66

84 24 25.75

Cumberland Falls, 4.8 mi W. of W. ferry landing on Cumberland River, along State Highway 90; 0.2 mi NW. of First Church of Christ; 0.1 mi SE. of junction of drive to Eagle School; 21 ft NE. of, and 2 ft higher than centerline of hwy. at junction of graveled rd. NE.; 147 ft SE. of NE. end of pipe culvert with concrete headwalls; 2 ft NE. of SW. edge of rock; in flat ledge of rock in small cut; NGS standard disk stamped "K 205 1950 1202.078"

X = 2,397,003 Y = 193,896

36 51 29.05

84 23 34.91

Cumberland Falls, 3.9 mi W. of W. ferry landing on Cumberland River, along State Highway 90; 0.8 mi NW. of Honeybee; 0.7 mi SE. of First Church of Christ; 36 ft NE. of, and 3 ft lower than centerline of hwy. at junction of graveled rd. NE.; 26 ft NW. of centerline of drive NE. to farm; 1 ft S. of S. corner of NW. one of four stone posts at entrance drive to farm; 1 ft SW. of SW. face of rock fence; in concrete post; NGS standard disk stamped "J 205 1950 1181.110"

X = 2,399,679 Y = 190,266

36 50 52.79

84 23 02.63

Cumberland Falls, about 2.8 mi W. of W. ferry landing on Cumberland River, along State Highway 90; 0.8 mi NW. of junction of State Highway 700; 0.2 mi SE. of Honeybee; on outside of long curve with tangents extending S. and NW.; 61 ft NE. of centerline of hwy. at junction of dim rd. N.; 20 ft E. of centerline of dim rd.; 28 ft N. of telephone pole; 10 ft E. of telephone line; in rock outcrop; NGS standard disk stamped "H 205 1950 1213.790" (Not found, 1977)

X = 2,403,685 Y = 186,961

36 50 19.53

84 22 13.93

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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90; 1.0 mi SE. of Honeybee; 56 ft NE. of, and 2 ft lower than centerline of hwy. at junction of State Highway 700 S.; 73 ft NW. of second telephone pole SE. of junction of main line; 2 ft SW. of fenceline; in concrete post; NGS standard disk stamped "G 205 1950 1292.809"

X = 2,404,234 Y = 183,010 36 49 40.39 84 22 07.90

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 0.8 mi S. along State Highway 700; 0.2 mi N. of dim crossroad; on outside of curve with tangents extending S. and NW.; 39 ft E. of centerline of hwy. at junction of dim rd. S.; 19 ft NE. of centerline of dim rd.; 18 ft E. of powerline; in concrete post; NGS standard disk stamped "C 191 1950 1174.276"

X = 2,404,218 Y = 178,703 36 48 57.80 84 22 08.87

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 2.8 mi SW. along State Highway 700; 0.4 mi S. of bridge over Indian Creek; on N. slope of long crooked hill; 14 ft E. of, and 2 ft higher than centerline of hwy.; 234 ft N. of S. end of long rock bench cut; 3 ft N. of 6-in. triangle cut in vertical fence of rock; in bottom ledge of cut; NGS standard disk stamped "E 191 1950 1086.185"

X = 2,401,906 Y = 172,509 36 47 56.90 84 22 38.41

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 3.9 mi SW. along State Highway 700; 1.5 mi SW. of bridge over Indian Creek; 1.0 mi NE. of Sand Hill School; near SW. end of curve with tangents extending E. and SW.; 37 ft NW. of, and 2 ft higher than centerline of hwy. at junction of dim rd. N.; 11 ft W. of centerline of dim rd.; 23 ft S. of 10-in. hickory tree with forked top; in concrete post; NGS standard disk stamped "E 193 1951 1184.968"

X = 2,399,487 Y = 167,829 36 47 10.98 84 23 08.97

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 4.9 mi SW. along State Highway 700; 0.5 mi NE. of United Baptist Church; at SW. one of two drives leading to Sand Hill School; 34 ft NW. of, and 2 ft higher than centerline of hwy.; 19 ft E. of centerline of drive; 45 ft W. of NW. end of pipe culvert with rock headwalls; in concrete post; NGS standard disk stamped "F 193 1951 1214.417"

X = 2,398,012 Y = 163,554 36 46 28.92 84 23 27.86

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 5.7 mi SW. along State Highway 700; 0.5 mi SW. of United Baptist Church; on outside of curve with tangents extending NE. and W.; 41 ft S. of centerline of hwy. at junction of dim rd. S.; 27 ft E. of centerline of W. leg of dim rd.; 19 ft W. of centerline of E. leg of dim rd.; 19 ft NE. of 24-in. hickory tree in triangle; in concrete post; NGS standard disk stamped "G 193 1951 1255.440" (Not found, 1959)

X = 2,394,736 Y = 161,009 36 46 04.22 84 24 08.56

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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Cumberland Falls, 2.1 mi W. of W. ferry landing on Cumberland River, along State Highway 90, thence 6.7 mi SW. along State Highway 700; on S. slope near bottom of hill; 28 ft W. of, and 2 ft higher than centerline of hwy. at junction of dim rd. W.; 8 ft S. of centerline of dim rd.; 151 ft N. of W. end of pipe culvert with rock headwalls; 64 ft SW. of, and across hwy. from telephone pole; in concrete post; NGS standard disk stamped "H 193 1951 1238.925"

X = 2,390,785

Y = 158,617

36 45 41.13

84 24 57.54

Marshes Siding, 1.0 mi NW. of, along graveled rd.; 0.2 mi NW. of power transmission line crossing rd.; 30 ft N. of centerline of rd. on outside of curve; 225 ft SW. of power pole with lines in three directions; 16 ft W. of center of ditch running N.; 2 ft E. of white wooden witness post; in concrete post; NGS standard disk stamped "Q 270 1951 1323.682"

X = 2,368,505

Y = 155,202

36 45 10.38

84 29 31.87